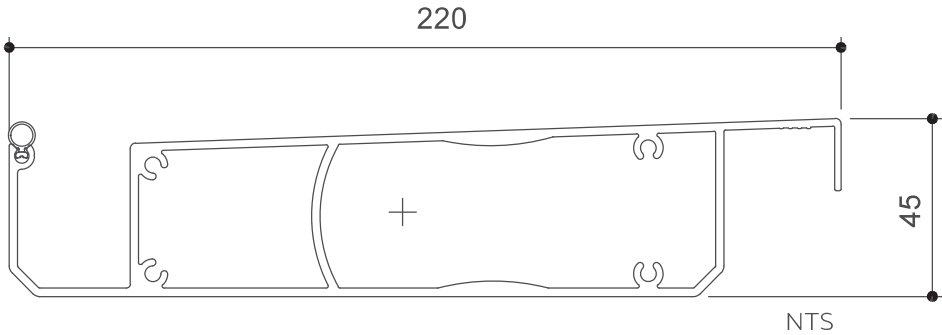


OPENING ROOFS SPECIFICATIONS



BLADE SPECIFICATIONS 220/45 ALPINE ROOF
(RETRACT COMPATIBLE)



BLADE SPECIFICATIONS			
Blade cover - opening system	205 mm	Weight per linear metre - opening system	3.74 kg/lm
Weight per square metre - opening system	18.2 kg/sqm	Actual blade width	220 mm
Blade centres - opening system	205 mm		

SPANS AT A GLANCE

Refer Engineering Section. Climate, terrain, shielding, location, type of structure contribute to determine spans.

WIND ZONE	INSIDE	LOW	MEDIUM	HIGH	VERY HIGH	EXTRA HIGH
Factored wind speed at building	Self wt	32 m/s	37m/s	44 m/s	50 m/s	55 m/s
		115 km/hr	133 km/hr	158 km/hr	179 km/hr	198 km/hr
220/45 Alpine Roof 3m Height	5000	5000	5000	5000	5000	5000
220/45 Alpine Roof 6m Height		5000	5000	5000	5000	4700

INSTALLATION OPTIONS



CALCULATE OPTIMUM FRAME
OPENING SIZES FOR SPIRAL PIVOT

Span: Check engineering span limits
Pivot: Calculation example showing 17 blades

STEP 1

16 blades x 205 Crs	3280
1 blade at 220 (blade size)	+ 220
17 blades	= 3500

STEP 2

Blade cover	3500
+2/22mm clearance @ ends	+ 44
Total exact pivot length	= 3544
Extra width 185mm gutter provides cover if clearance increases over 22mm at ends.	
Blade direction either right hand up or left hand up.	

CHOOSE DIRECTION OF BLADE PIVOT

